

CLASSES CONDUCTED BY BIOLOGY GUIDE (CURRENTLY)

B.Sc. level

1. Biomolecules - Nucleic acid
2. Biomolecules - Carbohydrates
3. Biomolecules - Proteins
4. Biomolecules - Lipids
5. Structure and organization of chromosomes
6. Replication - Prokaryotes
7. Replication - Eukaryotes
DNA - mutation
8. Transcription - Prokaryotes
9. Transcription - Eukaryotes
10. Translation - Prokaryotes
11. Translation - Eukaryotes
Protein - transport
14. Cell division - Mitosis and control
15. Cell division - Meiosis and control
16. Recombination - Prokaryotes and Eukaryotes
17. Bryophytes - Mentioned topics
Pteridophytes - Mentioned topics
Gymnosperms - Mentioned topics
18. Angiosperms - Morphology
19. Angiosperms - Anatomy
20. Angiosperms - Flower, fruit, seed
21. Angiosperms - Sexual reproduction and Embryology

22. Evolution
23. Immunity - Immune system
24. Diseases
25. Cell - Prokaryotic
26. Cell - Eukaryotic
27. Virus
28. Taxonomy - Nomenclature rules, type species, Herbarium
29. Description of mentioned plant families
30. Photosynthesis - part I
31. Photosynthesis - part II
32. Cellular respiration - part I
33. Cellular respiration - part II
34. Anaerobic respiration
33. Hormones - Plant
34. Hormones - Human
35. Hormone transport and action
36. Brain and nervous system - Human
37. Nerve Impulse
38. Physiological respiration - Human
39. Excretion - Human
40. Bones and muscles - Human
41. Tissue - General account of animal tissues
41. Blood - General account
42. Blood circulation - Human
43. Chemical bonds in biomolecules
44. Equation balance
45. Measurements of solutes etc
46. Magnification and use of compound light microscope
47. Reproduction - Human

12th level

1. Biomolecules - All
2. Structure and organization of chromosomes
3. Replication
4. Transcription
5. Translation
6. Cell division
7. Bryophytes, Pteridophytes, Gymnosperms
8. Angiosperms
9. Immunity
10. Diseases
11. Cell structures and functions
12. Virus
13. Taxonomy
14. Angiosperm families
15. Photosynthesis
16. cellular respiration
17. Physiological respiration in human
18. Excretion in human
19. Blood circulation in human
20. Reproduction in human
21. Chemical bonds
22. Frog - Morphology, Digestive systems
23. Frog - Respiratory, Circulatory systems
24. Frog - Nervous, Reproductive systems

